

AMENDMENTS TO THE CLAIMS:

1. (Currently Amended) A subcutaneous cavity marking device percutaneously implantable in breast tissue during a biopsy procedure comprising:

at least two ~~separately implantable bioabsorbable~~ bodies made from different materials adapted to be inserted into a subcutaneous cavity created by ~~the~~ removal of tissue, wherein the at least two ~~separately implantable bioabsorbable~~ bodies are ultrasonically detectable and function solely as tissue cavity markers ~~non-radioactive~~; and

at least one of the at least two detectable bodies ~~non-radioactive marker is~~ affixed to a surface of or disposed within the other ~~at least one of the~~ at least two ~~separately implantable bioabsorbable~~ bodies wherein the other of the at least two implantable bodies is bioabsorbable and includes a cross pattern to mark a particular section or sections of said cavity.

2. (Currently Amended) The device of claim 1 wherein the at least one of the at least two detectable bodies ~~marker~~ comprises a non-bioabsorbable material forming a permanent marker.

3. (Currently Amended) The device of claim 2 wherein the permanent ~~at least one~~ marker comprises a material selected from the group consisting of platinum, iridium, nickel, tungsten, tantalum, gold, silver, rhodium, titanium, alloys thereof and stainless steel.

4. (Currently Amended) The device of claim 1 wherein the at least one of the at least two detectable bodies ~~marker~~ comprises a bioabsorbable material.

Appl. No. 09/805,652
Amd. dated April 10, 2009
Reply to Office Action of November 10, 2008

5. (Original) The device of claim 4 wherein the bioabsorbable material comprises a polymer having a radiopaque additive.

6. (Original) The device of claim 5 wherein the radiopaque additive is selected from the group consisting of barium-containing compounds, bismuth-containing compounds, powdered tantalum, powdered tungsten, barium carbonate, bismuth oxide, and barium sulfate.

7. (Currently Amended) The device of claim 1 wherein the at least one of the at least two detectable bodies ~~marker~~ is radiopaque.

8 - 15. (Canceled)

16. (Original) The device of claim 1 additionally comprising a pain killing substance.

17. (Original) The device of claim 1 additionally comprising a hemostatic substance.

18 - 21. (Canceled)

22. (Currently Amended) The device of claim 1 wherein the ~~at least one marker~~ other of the at least two implantable bodies comprises a suture in a pattern which crosses.

23. (Currently Amended) The device of claim 1 wherein the ~~at least one marker~~ other of the at least two implantable bodies comprises a wire in a pattern which crosses.

Appl. No. 09/805,652
Amd. dated April 10, 2009
Reply to Office Action of November 10, 2008

24. (Currently Amended) The device of claim 1 wherein the ~~at least one marker~~ other of the at least two implantable bodies has a distinguishing pattern ~~mark~~.

25 -30. (Canceled)

31. (Currently Amended) The device of claim 1 wherein the at least two ~~separately~~ implantable bioabsorbable bodies have a substantially irregular shape.

32. (Canceled)

33. (Currently Amended) The device of claim 1 wherein the at least two ~~separately~~ implantable bioabsorbable bodies have a plurality of pores.

34. (Original) The device of claim 33 wherein the pores are configured to promote tissue growth in a preferred orientation.

35-110. Canceled

111. (New) The device of claim 1 wherein one of the at least two implantable bodies is expandable.

112. (New) A subcutaneous cavity marking assembly comprising: (a) an outer component comprising a bioabsorbable material; (b) an inner component enclosed by the outer component, the inner component comprising a radiopaque marker element; and (c) a needle enclosing the inner and outer components.

Appl. No. 09/805,652
Amd. dated April 10, 2009
Reply to Office Action of November 10, 2008

113. (New) The device of claim 112 wherein the inner component comprises a nonabsorbable marker element.

114. (New) The device of claim 112 wherein the inner component comprises a metallic marker element.

115. (New) The device of claim 112 wherein the inner component comprises a titanium marker element.

116. (New) The device of claim 112 wherein the outer component is resilient and self expands upon being disposed in a biopsy cavity.

117. (New) The device of claim 112 wherein the outer component comprises a plurality of pores or openings.

118. (New) The device of claim 112 wherein the outer component comprises a bioabsorbable polymer.

119. (New) The device of claim 112 wherein the outer component comprises a suture or suture-like material.

Appl. No. 09/805,652
Amd. dated April 10, 2009
Reply to Office Action of November 10, 2008

120. (New) A biopsy cavity marking assembly comprising:

an access tube;

a biopsy cavity marking device disposed within the access tube, the biopsy cavity marking device comprising:

a compressed, resilient bioabsorbable outer body having a plurality of openings; and

a metallic marker enclosed within the outer body.

121. (New) The biopsy cavity marker assembly of claim 120 wherein the outer body self expands upon exiting the access tube.